

# Anti-MiTF (phospho S73) antibody ab59201

**4 References**   [画像数 1](#)

### 製品の概要

製品名	Anti-MiTF (phospho S73) antibody
製品の詳細	Rabbit polyclonal to MiTF (phospho S73)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> African green monkey
免疫原	Synthetic peptide corresponding to Human MiTF aa 150-250 (phospho S73). Database link: <a href="#">O75030</a>
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Store at -20°C. Stable for 12 months at -20°C
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
精製度	Immunogen affinity purified
特記事項 (精製)	Affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
ポリモノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

## The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab59201の使用に適用されます**

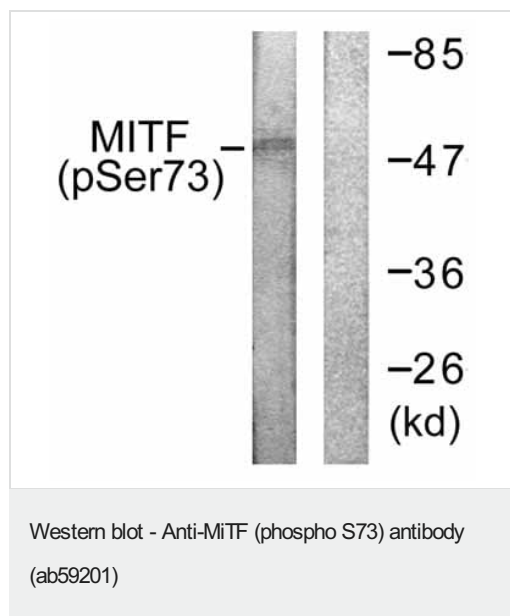
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 59 kDa (predicted molecular weight: 59 kDa).

## ターゲット情報

機能	Transcription factor for tyrosinase and tyrosinase-related protein 1. Binds to a symmetrical DNA sequence (E-boxes) (5'-CACGTG-3') found in the tyrosinase promoter. Plays a critical role in the differentiation of various cell types as neural crest-derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium.
組織特異性	Isoform M is exclusively expressed in melanocytes and melanoma cells. Isoform A and isoform H are widely expressed in many cell types including melanocytes and retinal pigment epithelium (RPE). Isoform C is expressed in many cell types including RPE but not in melanocyte-lineage cells.
関連疾患	Defects in MITF are the cause of Waardenburg syndrome type 2A (WS2A) [MIM:193510]. It is a dominant inherited disorder characterized by sensorineural hearing loss and patches of depigmentation. The features show variable expression and penetrance. Defects in MITF are a cause of Waardenburg syndrome type 2 with ocular albinism (WS2-OA) [MIM:103470]. It is an ocular albinism with sensorineural deafness. Defects in MITF are the cause of Tietz syndrome (TIETZS) [MIM:103500]. It is an autosomal dominant disorder characterized by generalized hypopigmentation and profound, congenital, bilateral deafness. Penetrance is complete.
配列類似性	Belongs to the Mit/TFE family. Contains 1 basic helix-loop-helix (bHLH) domain.
翻訳後修飾	Phosphorylation at Ser-405 significantly enhances the ability to bind the tyrosinase promoter.
細胞内局在	Nucleus.

## 画像



**All lanes :** Anti-MiTF (phospho S73) antibody (ab59201) at 1/500 dilution

**Lane 1 :** COS-7 (African green monkey kidney fibroblast-like cell line) cell extract

**Lane 2 :** COS-7 (African green monkey kidney fibroblast-like cell line) cell extract with phosphopeptide

**Predicted band size:** 59 kDa

**Observed band size:** 59 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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